

DT03 Rec'd PCT/PTO 10 7 JAN 2005

U. S. PATENT AND TRADEMARK OFFICE
U.S. DEPARTMENT OF COMMERCE

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

21125YP

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/520492

INTERNATIONAL APPLICATION NO.
PCT/US2003/021145

INTERNATIONAL FILING DATE
03 July 2003

PRIORITY DATE CLAIMED
08 July 2002

TITLE OF INVENTION

MITOTIC KINESIN BINDING SITE

APPLICANT(S) FOR DO/EO/US

Carolyn A. Buser-Doepner; Paul J. Coleman; Christopher D. Cox; Mark E. Fraley; Robert M. Garbaccio; George D. Hartman; David C. Heimbrook; Lawrence C. Kuo; Hans E. Huber; Vinod V. Sardana; Maricel Torrent, Youwei Yan

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures [35 U.S.C. 371(f)]. The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (PCT Article 31).
5. ☒ A copy of the International Application as filed [35 U.S.C. 371(c)(2)]
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ has been communicated by the International Bureau.
 - c. ☒ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed [35 U.S.C. 371(c)(2)].
 - a. ☐ is attached hereto
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)].
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)].
9. ☒ An oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)]. - unsigned
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)].

Items 11 to 20 below concern other document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information:

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <div style="font-size: 24pt; font-weight: bold; text-align: center;">10/520492</div>		INTERNATIONAL APPLICATION NO. PCT/US2003/021145		ATTORNEY'S DOCKET NUMBER 21125YP	
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21. The following fees are submitted:

<input checked="" type="checkbox"/> a) Basic national fee.....	\$300.00	\$300.00	
<input checked="" type="checkbox"/> b) Examination fee.....	\$200.00	\$200.00	
<input checked="" type="checkbox"/> c) Search fee	\$500.00	\$500.00	
TOTAL OF ABOVE CALCULATIONS =		\$1000.00	

☒ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE	
288 - 100 =	188 / 50	3.76 = 4	X \$250.00	\$1000.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date [37 CFR 1.492(e)].

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	19 - 20 =	0	X \$50.00	\$0.00
Independent Claims	7 - 3 =	4	X \$200.00	\$800.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$360.00	\$0.00
TOTAL OF ABOVE CALCULATIONS (SUBTOTAL) =				\$2,930.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).

TOTAL NATIONAL FEE =				\$2,930.00
Fee for recording the enclosed assignment [37 CFR 1.21(h)]. The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.				+
TOTAL FEES ENCLOSED =				\$2,930.00

	Amount to be refunded:	
	Amount to be charged:	

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 13-2755 in the amount of \$2,930.00 to cover the above fees. A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to the Deposit Account No. 13-2755. A duplicate copy of this sheet is enclosed.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 000210

MERCK & CO., INC.
 Patent Department, RY60-30
 P.O. Box 2000
 126 East Lincoln Avenue
 Rahway, New Jersey 07065-0970

DATE: January 7, 2005

PHONE #: (732) 594-3046

SIGNATURE
 NAME
 32,838
 REGISTRATION NUMBER